

SEQUENCE LISTING

<110> Rabin, Ross
 Lochrie, Michael
 Janjic, Nebojsa
 Gold, Larry

<120> Nucleic Acid Ligands Which Bind to Hepatocyte Growth
 Factor/Scatter Factor (HGF/SF) or its Receptor C-Met

<130> NEX83

<140> 09/364,539
 <141> 1999-07-29

<160> 192

<170> PatentIn Ver. 2.0

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1005950-030403

<222> (1)..(61)

<223> All pyrimidines are 2'F.

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<222> (1)..(61)

<223> N at positions 16-45 is any base.

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a 61

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<222> (1)..(77)

<223> N at positions 24-53 is any base.

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<223> Purines and pyrimidines are 2'OMe; purines and
pyrimidines at postions 1-11 are RNA; purines and
pyrimidines at positions 12-15 are DNA.

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cccuccugcu acgcc

15

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<210> 27

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<210> 64

<211> 61

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<223> All pyrimidines are 2'F.

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<210> 65
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<210> 67
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<210> 68

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<210> 69

<211> 64

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<210> 70

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<210> 71

<211> 61

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<210> 72

<211> 60

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<223> All pyrimidines are 2'F.

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a 61

<210> 74
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<210> 75
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<210> 76

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<210> 77

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<210> 78

<211> 61

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<210> 82

<211> 61

<212> RNA

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<210> 83

<211> 64

<212> RNA

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<210> 84
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<210> 85
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a 61

<210> 86
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<223> All pyrimidines are 2'F.

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a 61

<210> 87

<211> 60

<212> RNA

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<223> All pyrimidines are 2'F.

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<210> 88

<211> 61

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<210> 89

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<212> RNA

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<210> 90

<211> 63

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<210> 91

<211> 62

<212> RNA

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ga 62

<210> 92
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a 61

<210> 93
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a 61

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<210> 98

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<210> 99

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<210> 102
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<210> 103
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<210> 104
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<210> 105
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<210> 106

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<210> 109

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ggaggcucac aacaggc 77

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<210> 115

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<210> 117

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<210> 118

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<210> 119

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<210> 120

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<210> 123

<211> 77

<212> RNA

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<212> RNA

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<210> 126

<211> 87

<212> RNA

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<222> (1)..(87)
<223> All pyrimidines are 2'F.

<400> 126
gggagauaag aaauaacgcu caaucugcgg acggugaggu uaaguugcaa cgacugcuug 60
gcguucgaca ggaggcucac aacaggc 87

<210> 127
<211> 87
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Sequence

<220>
<221> modified_base
<222> (1)..(87)
<223> All pyrimidines are 2'F.

<400> 127
gggagauaag aaauaacgcu caacagaccg ugcaaaccgc ccuagaggg uuugucauu 60
uacuucgaca ggaggcucac aacaggc 87

<210> 128
<211> 87
<212> RNA
<213> Artificial Sequence

<220>
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Sequence

<220>
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<222> (1)..(87)
<223> All pyrimidines are 2'F.

<400> 128
gggagauaag aaauaacgcu caaccuuagg gcucccaaaa aucgggcccg ucgggcccga 60
cacuucgaca ggaggcucac aacaggc 87

<210> 129
<211> 87
<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Sequence

<220>

<221> modified_base

<222> (1)..(87)

<223> All pyrimidines are 2'F.

<400> 129

gggagauaag aaauaacgcu caacgcggga uucucugagg acgaggcacg uguggguaau 60
ucguucgaca ggaggcucac aacaggc 87

<210> 130

<211> 87

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Sequence

<220>

<221> modified_base

<222> (1)..(87)

<223> All pyrimidines are 2'F.

<400> 130

gggagauaag aaauaacgcu caaucgggcu uggaugugga cguguauuuc uagcugugua 60
cgcuucgaca ggaggcucac aacaggc 87

<210> 131

<211> 87

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Sequence

<220>

<221> modified_base

<222> (1)..(87)

<223> All pyrimidines are 2'F.

<400> 131

gggagauaag aaauaacgcu caauuggguc gggacucgaa aggauuugau aggauacaug 60
aaauucgaca ggaggcucac aacaggc 87

<210> 132
<211> 30
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Sequence

<220>
<221> modified_base
<222> (1)..(30)
<223> All pyrimidines are 2'F.

<400> 132
cggugugaac cuguuuaugu ccgcguaccc 30

<210> 133
<211> 29
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Sequence

<220>
<221> modified_base
<222> (1)..(29)
<223> All pyrimidines are 2'F.

<400> 133
ugggaaccua uuuaugucau cuccguccc 29

<210> 134
<211> 30
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Sequence

<220>
<221> modified_base

<222> (1)..(30)

<223> All pyrimidines are 2'F.

<400> 134

ugggaaccua uuuaugucau cgucugugcc

30

<210> 135

<211> 30

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Sequence

<220>

<221> modified_base

<222> (1)..(30)

<223> All pyrimidines are 2'F.

<400> 135

cgugagccua uuuaugucau caugucugug

30

<210> 136

<211> 30

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Sequence

<220>

<221> modified_base

<222> (1)..(30)

<223> All pyrimidines are 2'F.

<400> 136

ugugaaccug uuuaugccau cucgaguccc

30

<210> 137

<211> 30

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Sequence

<220>
<221> modified_base
<222> (1)..(30)
<223> All pyrimidines are 2'F.

<400> 137
ugugaaccua uuuaugccau cucgagugcc

30

<210> 138
<211> 30
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Sequence

<220>
<221> modified_base
<222> (1)..(30)
<223> All pyrimidines are 2'F.

<400> 138
ugauaaccua uuuaugacgu cguggcuccc

30

<210> 139
<211> 30
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Sequence

<220>
<221> modified_base
<222> (1)..(30)
<223> All pyrimidines are 2'F.

<400> 139
agugaaccua uuuaugccgu cgcuucucgc

30

<210> 140
<211> 30
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Sequence

<220>
<221> modified_base
<222> (1)..(30)
<223> All pyrimidines are 2'F.

<400> 140
agagnuccua uuuaugacau cccaugcccc

30

<210> 141
<211> 30
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Sequence

<220>
<221> modified_base
<222> (1)..(30)
<223> All pyrimidines are 2'F.

<400> 141
ugaucaccug uuuaugccau cguucugggc

30

<210> 142
<211> 30
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Sequence

<220>
<221> modified_base
<222> (1)..(30)
<223> All pyrimidines are 2'F.

<400> 142
ggugacccuu uuuaugacau cgcgucuggc

30

<210> 143
<211> 30

<212> RNA
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Sequence

<220>

<221> modified_base

<222> (1)..(30)

<223> All pyrimidines are 2'F.

<400> 143

aaucacagga aucaacuucu auucccgccc

30

<210> 144

<211> 30

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Sequence

<220>

<221> modified_base

<222> (1)..(30)

<223> All pyrimindines are 2'F.

<400> 144

aaucacagga aucgacuuuu auuccugccc

30

<210> 145

<211> 30

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Sequence

<220>

<221> modified_base

<222> (1)..(30)

<223> All pyrimindines are 2'F.

<400> 145

gcggcucgau gucgucuau cccuuugccc

30

<210> 146
<211> 30
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Sequence

<220>
<221> modified_base
<222> (1)..(30)
<223> All pyrimindines are 2'F.

<400> 146
ucggcucguu gucgucuau cccuuugccc

30

<210> 147
<211> 31
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Sequence

<220>
<221> modified_base
<222> (1)..(31)
<223> All pyrimidines are 2'F.

<400> 147
gcuggcucga ugucagguua ucccuugcc c

31

<210> 148
<211> 30
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Sequence

<220>
<221> modified_base
<222> (1)..(30)
<223> All pyrimidines are 2'F.

<400> 148
gugacucaaa auggugaucc ucguuuccgc

30

<210> 149
<211> 30
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Sequence

<220>
<221> modified_base
<222> (1)..(30)
<223> All pyrimidines are 2'F.

<400> 149
ugaauuccuc uggcugaaaa ugacuugugc

30

<210> 150
<211> 30
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Sequence

<220>
<221> modified_base
<222> (1)..(30)
<223> All pyrimidines are 2'F.

<400> 150
guuugaguga cgaucgucuu gucccaugug

30

<210> 151
<211> 30
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Sequence

<220>

<221> modified_base
<222> (1)..(30)
<223> All pyrimidines are 2'F.

<400> 151
auugauucac ugcauccuug acucuucucc

30

<210> 152
<211> 28
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Sequence

<220>
<221> modified_base
<222> (1)..(28)
<223> All pyrimidines are 2'F.

<400> 152
cagacgacuc gcccgaggga cgaugcgg

28

<210> 153
<211> 31
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Sequence

<220>
<221> modified_base
<222> (1)..(31)
<223> All pyrimidines are 2'F.

<400> 153
gaguauauuu ucgucacccg uuccuuugcc c

31

<210> 154
<211> 29
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic

Sequence

<220>
<221> modified_base
<222> (1)..(29)
<223> All pyrimidines are 2'F.

<400> 154
acaguuuguc uucuaauagcu cgucgcccc

29

<210> 155
<211> 30
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Sequence

<220>
<221> modified_base
<222> (1)..(30)
<223> All pyrimidines are 2'F.

<400> 155
ucagaaugac uuucuuagcu cgcuuucucc

30

<210> 156
<211> 37
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Sequence

<220>
<221> modified_base
<222> (1)..(37)
<223> All pyrimidines are 2'F. Bases at positions 1, 6,
13, 21, 33 are 2'OMe.

<400> 156
ggacgaugcg gcgagugccu guuuauugca ucguccg

37

<210> 157
<211> 37
<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Sequence

<220>

<221> modified_base

<222> (1)..(37)

<223> All pyrimidines are 2'F. Bases at positions 2, 8,
14, 25 are 2'OMe.

<400> 157

ggacgaugcg gcgagugccu guuuauguca ucguccg

37

<210> 158

<211> 37

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Sequence

<220>

<221> modified_base

<222> (1)..(37)

<223> All pyrimidines are 2'F. Bases at positions 3,
10, 15 and 27 are 2'OMe.

<400> 158

ggacgaugcg gcgagugccu guuuauguca ucguccg

37

<210> 159

<211> 37

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Sequence

<220>

<221> modified_base

<222> (1)..(37)

<223> All pyrimidines are 2'F. Bases at positions 5,
11, 17, 30 are 2'OMe.

<400> 159

ggacgaugcg gcgagugccu guuuauguca ucguccg

37

<210> 160

<211> 70

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Sequence

<220>

<221> modified_base

<222> (1)..(70)

<223> All pyrimidines are 2'F.

<400> 160

gggaggacga ugcgguuuga cuaugucuga cgggucugug gucaauuccg cccccagacg 60
acucgcccga 70

<210> 161

<211> 71

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Sequence

<220>

<221> modified_base

<222> (1)..(71)

<223> All pyrimidines are 2'F.

<400> 161

gggaggacga ugcggauccg uguugauguc cauauaaccu uaucccgucg cuccccagac 60
gacucgcccg a 71

<210> 162

<211> 71

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Sequence

<220>

<221> modified_base

<222> (1)..(71)

<223> All pyrimidines are 2'F.

<400> 162

gggaggacga ugcggguguu gacuucuagc cagaauaaca uuuuguaccc cucccccagac 60
gacucgcccg a 71

<210> 163

<211> 70

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Sequence

<220>

<221> modified_base

<222> (1)..(70)

<223> All pyrimidines are 2'F.

<400> 163

gggaggacga ugcggucguu gacuuuuga uagggcuugu ucuucgagcg ucccccagacg 60
acucgcccga 70

<210> 164

<211> 71

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Sequence

<220>

<221> modified_base

<222> (1)..(71)

<223> All pyrimidines are 2'F.

<400> 164

gggaggacga ugcggugauc uuggguuga ucguaauuac uucacccucc gucccccagac 60
gacucgcccg a 71

<210> 165

<211> 71

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Sequence

<220>

<221> modified_base

<222> (1)..(71)

<223> All pyrimidines are 2'F.

<400> 165

gggaggacga ugcggcuccu uuuccgcuaa acaagaccac uuugagcccu gccccagac 60
gacucgcccg a 71

<210> 166

<211> 71

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Sequence

<220>

<221> modified_base

<222> (1)..(71)

<223> All pyrimidines are 2'F.

<400> 166

gggaggacga ugcggccacc ucguuacgua cugauuuugg caucgcaguu ugccccagac 60
gacucgcccg a 71

<210> 167

<211> 73

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Sequence

<220>

<221> modified_base

<222> (1)..(73)

<223> All pyrimidines are 2'F.

<400> 167

gggaggacga ugcgggggca ccucgauacg uacugauuuu gaauaucagu uagccccag 60
acgacucgcc cga 73

<210> 168
<211> 71
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Sequence

<220>
<221> modified_base
<222> (1)..(71)
<223> All pyrimidines are 2'F.

<400> 168
gggaggacga ugcggcgauu cgucguauag aaugauuug aaugcaccuc cuccccagac 60
gacucgcccg a 71

<210> 169
<211> 71
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Sequence

<220>
<221> modified_base
<222> (1)..(71)
<223> All pyrimidines are 2'F.

<400> 169
gggaggacga ugcggugugu uuguguguug uguuuguuau uccuguuugu guccucagac 60
gacucgcccg a 71

<210> 170
<211> 72
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Sequence

<220>

<221> modified_base

<222> (1)..(72)

<223> All pyrimidines are 2'F.

<400> 170

gggaggacga ugcggucggu cguaaaaau cguugguguc uaucuauugu ucuccccaga 60
cgacucgccc ga 72

<210> 171

<211> 70

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Sequence

<220>

<221> modified_base

<222> (1)..(70)

<223> All pyrimidines are 2'F.

<400> 171

gggaggacga ugcggugcuc cagaggaacc aucguuuacu ucauuuauuc gccccagacg 60
acucgcccga 70

<210> 172

<211> 72

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Sequence

<220>

<221> modified_base

<222> (1)..(72)

<223> All pyrimidines are 2'F.

<400> 172

gggaggacga ugcggugcuc cuuaggaacc aucgucuaua ucccauucug acugcccaga 60
cgacucgccc ga 72

<210> 173

<211> 71

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Sequence

<220>

<221> modified_base

<222> (1)..(71)

<223> All pyrimidines are 2'F.

<400> 173

gggaggacga ugcgugucuc cucaggaacc aucguuuuuc ccauguccuu cugcccagac 60
gacucgcccg a 71

<210> 174

<211> 71

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Sequence

<220>

<221> modified_base

<222> (1)..(71)

<223> All pyrimidines are 2'F.

<400> 174

gggaggacga ugcgugucuc cuuggauuac caaggaacca uuuuccucua ccccccagac 60
gacucgcccg a 71

<210> 175

<211> 76

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Sequence

<220>

<221> modified_base

<222> (1)..(76)

<223> All pyrimidines are 2'F.

<400> 175

gggagauaag aaauaacgcu caagugcuca uuacgaacu gaccgaugcc uauucgacag 60
gaggcucaca acaggc 76

<210> 176

<211> 77

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Sequence

<220>

<221> modified_base

<222> (1)..(77)

<223> All pyrimidines are 2'F.

<400> 176

gggagauaag aaauaacgcu caaggugcuc auuacgaacu ugaccgaagc cuauucgaca 60
ggaggcucac aacaggc 77

<210> 177

<211> 77

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Sequence

<220>

<221> modified_base

<222> (1)..(77)

<223> All pyrimidines are 2'F.

<400> 177

gggagauaag aaauaacgcu caaggugcuc auuacgaacu ugaccgaugc cuauucgaca 60
ggaggcucac aacaggc 77

<210> 178

<211> 74

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Sequence

<220>

<221> modified_base

<222> (1)..(74)

<223> All pyrimidines are 2'F.

<400> 178

gggagauaag aaauaacgcu caaagugcuc caaugaacuu ugcucgcuga uucgacagga 60
ggcucacaac aggc 74

<210> 179

<211> 77

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Sequence

<220>

<221> modified_base

<222> (1)..(77)

<223> All pyrimidines are 2'F.

<400> 179

gggagauaag aaauaacgcu caaggugcuc cguuuggaac ugaucggua ggauucgaca 60
ggaggcucac aacaggc 77

<210> 180

<211> 76

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Sequence

<220>

<221> modified_base

<222> (1)..(76)

<223> All pyrimidines are 2'F.

<400> 180

gggagauaag aaauaacgcu caagugcuca uucagaacuu gacguauaac cauucgacag 60
gaggcucaca acaggc 76

<210> 181

<211> 77

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Sequence

<220>

<221> modified_base

<222> (1)..(77)

<223> All pyrimidines are 2'F.

<400> 181

gggagauaag aaauaacgcu caaggugcuc cuuaggaacu ugaccguccg ccuauucgaca 60
ggaggcucac aacaggc 77

<210> 182

<211> 77

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Sequence

<220>

<221> modified_base

<222> (1)..(77)

<223> All pyrimidines are 2'F.

<400> 182

gggagauaag aaauaacgcu caaguggugc uccacuaacc aaguggaacc uuguucgaca 60
ggaggcucac aacaggc 77

<210> 183

<211> 66

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Sequence

<220>

<221> modified_base

<222> (1)..(66)

<223> All pyrimidines are 2'F.

<400> 183

gggagauaag aaauaacgcu caagugcucu ugaacuugac cguucgacag gaggcucaca 60
acaggc 66

<210> 184

<211> 77

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Sequence

<220>

<221> modified_base

<222> (1)..(77)

<223> All pyrimidines are 2'F.

<400> 184

gggagauaag aaauaacgcu caaacgauaa gugggaguga guaaguuga guauucgaca 60
ggaggcucac aacaggc 77

<210> 185

<211> 77

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Sequence

<220>

<221> modified_base

<222> (1)..(77)

<223> All pyrimidines are 2'F.

<400> 185

gggagauaag aaauaacgcu caaccuagac ccccagguuc cucccccacua gucuucgaca 60
ggaggcucac aacaggc 77

<210> 186

<211> 36

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic
Sequence

<220>
 <221> modified_base
 <222> (1)..(36)
 <223> All pyrimidines are 2'F. Purines at positions 1,
 2, 6, 8, 11, 13-15, 17, 21, 27, 30, 33 are 2'OMe.

<400> 186
 ggacgaugcg gcgagugccu guuuauguca ucgucc

36

<210> 187
 <211> 36
 <212> RNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 Sequence

<220>
 <221> modified_base
 <222> (1)..(36)
 <223> All pyrimidines are 2'F. Purines at 1-3, 6, 8,
 10-11, 13-15, 17, 21, 27, 30, 33 are 2'OMe.

<400> 187
 ggacgaugcg gcgagugccu guuuauguca ucgucc

36

<210> 188
 <211> 39
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 Sequence

<400> 188
 acgagtttat cgaaaaagaa cgatgggttcc aatggagca

39

<210> 189
 <211> 27
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Synthetic
 Sequence

<400> 189
cgcaggatcc taatacgact cactata

27

<210> 190
<211> 71
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Sequence

<220>
<221> modified_base
<222> (1)..(71)
<223> All pyrimidines are 2'F.

<400> 190
gggaggacga ugcggnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnncagac 60
gacucgcccg a 71

<210> 191
<211> 104
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Sequence

<400> 191
taatacgact cactataggg agacaagaat aaacgctcaa nnnnnnnnnn nnnnnnnnnn 60
nnnnnnnnnn nnnnnnnnnn ttcgacagga ggctcacaac aggc 104

<210> 192
<211> 87
<212> RNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
Sequence

<220>
<221> modified_base
<222> (1)..(87)
<223> All pyrimidines are 2'F.

```

gggagauaag aaauaacgcu caannnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn 60
nnnuucgaca ggaggcucac aacaggc                                     87

```

[illegible]